

BLAZEK, Frantisek; HERDEGEN, Ludvik; HLOUSKOVA, Zdenka; SUMBERA, Jan

Chronic diffuse interstitial pneumonia in childhood. Cesk.pediat.
15 no.6/7:528-538 J1'60.

- I. IV. detska klinika v Prase, prednosta prof.dr. F.Blazek.
- II. detska klinika v Prase, prednosta prof.dr. J.Houstek.
- II. detska klinika v Brne, prednosta akademik O. Teychl.
(PULMONARY FIBROSIS in inf & child)

BLAZEK, Frantisek; HERDEGEN, Ludvik; LESAK, Jan

Relation of diseases of the paranasal sinuses to the appearance and development of bronchial asthma in children. Cesk.pediat.15 no.6/7?624-630 J1'60.

1. Laborator pro detskou pneumologii pri IV. detske klinice fakulty vseobecneho lekarstvi KU, vedouci: prof.dr. Fr.Blazek.
Klinika detske otorhinolaryngologie, prednosta: doc.dr. J.Chvojka.
(ASTHMA in inf & child)
(PARANASAL SINUSES dis)

BLAZEK, F.; HERDEGEN, L.; STICHENWIRTOVA, B.

Indirect oximetry in the functional diagnosis of respiratory diseases in children. Cesk. pediat. 18 no.4:307-312 Ap '63.

1. Laborator pro detskhopneumologii IV, detske kliniky fakulty vseobecneho lekarstvi KU v Prase, prednosta prof. dr. F. Blazek.
(OXIMETRY) (SPIROMETRY) (ASTHMA)
(PULMONARY FIBROSIS) (BRONCHOPNEUMONIA)
(BRONCHIECTASIS)

BLAZEK, Fr.

Ideological problems in child growth and development. Cesk.
pediat. 19 no.3:266-267 Mr'64

1. IV. detska klinika fakulty vseobecneho lekarstvi KU v
Praze; prednosta: prof.dr. Fr.Blazek.

X

ELASH, I.; MURPHY, M.

New trends in designing machinery for poultry processing. p. 129

PRŮMYSL POTRAVIN. (Ministerstvo potravinářského průmyslu)
Praha, Czechoslovakia Vol. 10, no. 10, Oct. 1959

Monthly list of East European accession, (IEAI), 10, Vol. 1, No. 12, Dec. 1959
Uncl.

BLAZEK, Ivan

"An Attempt to Evaluate the Present State of School Workshops in the Kraj of Czech Budejovice," Ceskoslovenska Hygiena (Journal of Hygiene), Vol. V, No. 9, Prague, November 1960, P. 533.

Affiliation: Kraj Hygienic and Epidemiological Office, Czech Budejovice.

BLAZEK, Ivan, promovany lekar.

Artificial lighting of locomotives and railroad service cars.
Doprava no.5:385-387 '64.

PUKHTA, VI. [Puchta, VI]; BLAZHEK, I. Ya. [Blazek, I.J.]

Use of the ethyl ester of meta-aminobenzoic acid (MS-222) for
general anesthesia of cold-blooded animals. Biul. eksp. biol.
i med. 3[1.e.53] no.3:123-126 Mr '62. (MIRA 15:4)

1. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.
(ANESTHESIA) (BENZOCAINE)

BLAZEK, J.

Safety measures during the cleaning of workshops and storing of goods by chemicals, p. 15.

TECHNIKA VYKUPU, MLYNARSTVI A PEKARSTVI. (Ministerstvo potravinarskeho prumyslu a vykupu zemedelskych vyrobku a Sdruzeni mlynu a pekaren)
Praha, Czechoslovakia, Vol. 5, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI), LC Vol. 9, no. 2,
Feb. 1960

Uncl.

Applied Mechanics
Review

156, 11, 2, 5, 1950

Structures

30

404. V. Kolouch and J. Malch, Continuous arches on elastically yielding piers. Theoretical computation compared with results of experimental analysis (in Czech), Techn. (Prague 57, no. 2, 21-28 Feb. 1949).

If continuous arches are supported by piers resting on elastically yielding soil, the theoretical analysis of internal forces becomes very intricate and cumbersome. It is shown that a relatively quick solution may be obtained by tests on small-scale models, much as in the Hogg's deformeter method, and that the results corroborate the theoretical analysis. A thorough analysis is presented including influence lines of bending moments, direct stress and shear. A simplified method is proposed which yields satisfactory results as compared with both theoretical and experimental analyses.

J. J. Polivka, USA

1950

BLAZEK, J.

TECHNOLOGY

Periodical: INZENYRSKE STAVBY. Vol. 3, no. 12, Dec. 1955

~~BLAZEK, J. Blazek, J. Assembling steel railroad bridges, p. 505~~

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.3
March 1959, Uncl.

BLAZEK, J.

"Some defects in the designing and building reinforced-concrete tanks."

INŽENYRSKE STAVBY, Praha, Czechoslovakia, Vol. 7, No. 6, June 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 2, September 1959.

Unclassified.

CZECHOSLOVAKIA / Plant Diseases. Diseases of Cultivated Plants.

Ats Jour : Ref Zhur - Ficlogiya, No 22, 1958, No. 100564

Author : Drachovská, Miroslava; Blažek, Jaroslav

Inst : Not given

Title : On the Study of the Development of Cercospora Infection
(in Beets) in Relation to the Prognosis of the Disease

Orig Pub : Listy cukrovarn., 1958, 74, No 3, 53-61

Abstract : Results of the observations conducted for 12 weeks in
1957 in Doksany and Modrzhaný (Czechoslovakia) are
described. The influence of weather conditions on the
development of Cercospora beticola is pointed out.
The fungus infects beets in the presence of humidity
exceeding 90% under artificial conditions or after
precipitation of more than 10 millimeters in the course
of 48 hours. -- From the author's summary

Card 1/1

VANEK, Vladimir, dr.; MIKODA, Vladimir, inz.; BLAZEK, Jiri, inz.

Automation of the wage calculation in transportation services.
Doprava no.2:138-143 '63.

GIRL, J.; HORAK, J.; BLAZEK, J.

Pneumopelviography and pelvic arteriography in the diagnosis of benign gynecological neoplasms. Cesk. rentgen. 17 no.6: 363-369 N '63.

1. Rentgenologicke oddeleni UVN v Praze, vedouci MUDr. F. Sykora Gynecologicke oddeleni UVN v Praze, zast. vedouci MUDr. J. Blazek.

(GYNECOLOGIC NEOPLASMS)
(NEOPLASM DIAGNOSIS)
(ANGIOGRAPHY) (PELVIS)
(RADIOGRAPHY) (CYSTS)

BLAZEK, J.; WAGNEROVA, D.M.

Polarography of radioactive substances. Coll Cz Chem 29
no.4:915-922 Ap '64.

1. Institute of Nuclear Research, Czechoslovak Academy
of Sciences, Prague (for Blazek). 2. Institute of
Inorganic Chemistry, Czechoslovak Academy of Sciences,
Prague (for Wagnerova).

BLAZEK, J., MUDr.

On the methods and organization of supplying stomatological
work areas with special health materials. Cesk. zdrav. 12
no.9:457-460 S '64.

1. Krajsky stomatolog, Ceske Budejovice.

BLAZEK, J.

A new method of working the stone surface by sand blasting.
Stavivo 42 no.12:424-476 D '64.

1. Research and Development Worksite OSKS, Radotin.

BLAZEK, J.

"Czechoslovak Aircraft in the West", P. 442, (KPIDIA VLASTI, Vol. 4,
No. 19, Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EPAL), 10, Vol. 4,
No. 1, Jan. 1955, Uncl.

BLAZEK, J.

"Czechoslovak Aviation Day", P. 444, (KRODIA VLASTI, Vol. 4, No. 1,
Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

BLAZEK, J.

"Gliders of Eight Regions ", P. 446, (KRIPLA VLASTI, Vol. 4, No. 19,
Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EFAL), LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

CZECHOSLOVAKIA

BLAZEK, J.; MARES, V.; State Institute for Drug Control (Statni Ustav pro Kontrolu Leciv), Prague.

"Analytical Study of Drugs of the Phenothiazine Derivatives Group. III. Gravimetric and Polarographic Determination with Silicotungstic Acid."

Prague, Ceskoslovenska Farmacie, Vol 15, No 7, Sep 66, pp 349-355

Abstract [Authors' English summary modified]: The reaction conditions suitable for gravimetric and polarometric determination of 24 derivatives of phenothiazine and silicotungstic acid were investigated. Optimum conditions for quantitative precipitation are obtained in a 0.1 to 0.5 N-HCl. The stoichiometric ratio of the reagent to that of the base is for derivatives with one active group 1 : 4, with two active groups 1 : 2. For the polarometric determination 20-100 mg of the active substance are dissolved in 20 ml of 0.5N HCl and titrated with silicotungstic acid (0.01M) at - 0.75V against a sat. calomel electrode, using a dropping Hg electrode and a sat. calomel electrode as anodes. Salts of maleinic and fumaric acids are determined at - 0.5 V. 3 Tables, 8 Western, 6 Czech, 1 Polish reference. (Ms. rec. 1 Mar 66).
1/1

- 50 -

MAZEN, J.

Hurni., F. Production of machine clasp. p. 133.
STROJNÍČKA VYBÍJKA, Praha, Vol. 3, no. 3, Oct. 1955.

30: Monthly List of East European Accessions, (MEMO), 16, Vol. 2, no. 10, Oct. 1955,
Uncl.

BLAZEK, J.

Our research in the field of construction during the last decade. p. 215.
INZANYRSKE STAVBY, Praha, Vol. 3, no. 5, May 1955.

SO: Monthly List of East European Accessions, (REAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

BLAZEK, J.

Threaded roller cramps for measuring trapezoid threads, p. 244,
STROJIRENSKA VYROBA (Ministerstvo strojirenstvi) Praha, Vol. 3,
No. 6, June 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

BLAZEK, J.

Theory and calculation of the cutting apparatus of wheeled cutters.
p.303. SBORNIK. RADA MECHANISACE A ELEKTRIFIKACE ZEMEDELSTVI A
LESNICTVI. Praha. Vol. 28, no. 5, November 1955

SOURCE: East European Accessions List, (EEAL) Library of Congress
Vol. 5, No. 8, August 1956

BLAZEK, J.

BLAZEK, J. Reconditioning of centering drills. p. 281.

Vol. 4, no. 7, July 1956.

STROJIRENSKA VYROBA.

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

BLAZEK, J.

Functioning of a hammer mill. p. 245.

Vol. 29, no. 4, Aug. 1956

SBORNIK. RAD A MECHANISACE A ELEKTRIFIKACE ZEMEDELSTVI A LESNICTVI

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 11 Nov. 1956

BLAZEK, J.

"Machines for transporting manure."

p. 27 (SBORNIK, RADA MECHANISACE A ELEKTRIFIKACE ZEMEDELSTVI.)
Praha, Czechoslovakia.) Vol. 31, No. 1, Feb. 1958

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

BLAZEK, J.

Cars for feeding stuffs with automaticunloading systems. p.77

Ceskoslovenska akademie zemedelskych ved. SBORNIK. RADA
ZEMEDELSKA EKONOMIKA. Praha, Czechoslovakia. Fol.5, no.1, Feb.1959

Monthly List of East European Accessions (EEAI) LC, Vol.8; no.12
Dec.1959
Uncl.

BLAZEK, J.

"Marking rotary machine parts." p. 298.

STROJIRENSKA VYROBA. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDLSKYCH STROJU.)
Praha, Czechoslovakia, Vol. 7, no. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

BLAZEK, Jan

Marking flat surfaces of components. Stroj vyr 9 no.5:266-267
'61.

1. Zavody presneho strojirenstvi Gottwaldov.

BLAZEK, Jan

Eightspindle head for V 40 drilling machine. Stroj vyr 10
no.2:94-95 '62.

1. Zavody presneho strojirenstvi Gottwaldov, n.p., Gottwaldov.

BLAZEK, Jan

Experience with production of molds from epoxy resins.
Slevarenstvi 10 no.7:263-265 JI '62.

1. Zavody presneho strojirenstvi, Gottwaldov.

BLAZEK, Jan

Single-purpose machines and equipment for making milling cutters.
Stroj vyr ll no.3;128-130 Mr '63.

1. Zavodni pobočka Československé vědecko-technické společnosti,
Zavody přesného strojírenství, n.p., Gottwaldov.

~~BLAZEK~~, Jan. L., MUDr. asistent kliniky

Skin diseases of inseminators of cattle. Pracovni lek. 6 no.5:
297-300 15 Oct 54.

1. Z I. dermato-venerologicke kliniky KU, prednosta prof. MUDr
K.Gawalowski

(SKIN, diseases

occup. in inseminators of cattle)

(OCCUPATIONAL DISEASES

dermatoses in inseminators of cattle)

(INSEMINATION, ARTIFICIAL

cattle, causing skin dis. in inseminators)

BLAZEK, J., MUDr; CERNY, E., MUDr; KUTA, Adolf, MUDr, asistenti kliniky

Porokeratosis of Mibelli. Cesk.derm. 31 no.4:185-189 Aug 56.

1. Z I. dermatov. kliniky KU (predn. prof. MUDr Karel Gavalowski)
(KERATOSIS, case reports
porokeratosis of Mibelli (Cs))

BLAZEK J.
ZATURETSKIY, L.; BLAZHEK, I. (Praga)

Medicinal aerosols. Apt. delo 10 no.3:77-79 My-Je '61. (MIRA 14:7)
(AEROSOL THERAPY)

BLAZEK, J.; MAREŠ, V.

Current status and perspectives of pharmaceutical education in
the Soviet Union. Cesk. farm. 13 no.9:452-456 N '64

BLAZEK, Josef, doc, dr.

Education of communication economists and their role. Cs spoje
7 no.9:2 S '62.

BLAZEK, Josef, inz., C.Sc.; VORLICEK, Jindrich, inz.; KUTHAN, Josef,
inz.; DURKOVIC, Oto, inz.

Automation of liquid feeding of swine. Zemedel tech 8 no.6:395-
412 D '62.

1. Vysoka skola zemedelska, katedra elektrisace a vnitropod-
nikove mechanisace, Praha.

BLAZEK, J.;KUNDERA, M.

~~Organic compounds in the Russian Pharmacopeia VIII. Czech. farm.~~
2 no.10-11:388-390 Nov 1953. (CML 25:5)

VACEK, J.; BLAZEK, J.

Work of the pharmacies in the Soviet Union. Cesk. farm. 3 no.8:
267-268 Oct 54.

(PHARMACY
in Rus., organis. & work)

Med amine... drops may be used, by polarimetric titration with 0.1 N HNO_3 soln. The procedure is satisfactory for HNO_3 purposes.

BLAZEK, J.; KUNDERA, M.

Organic compounds in the Soviet Pharmacopeia VIII. Cesk. farm. 4
no.1:26-27 Jan 55.

(PHARMACOPŔIA,
in Russia, organic opds. in 8th edition)

BLAZEK, Josef

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their H-17
Application, Part 3. - Drugs, Vitamins, Antibiotics.

Abs Jour : Ref Zhur - Khim., No 14, 1958, No 47796

Author : Josef Blazek, Zdenek Stejskal.

Inst : -

Title : Chlorpromazine Determination by Gravimetric Method.

Orig Pub : Ceskosl. farmac., 1955, 4, No.5, 246 - 247.

Abstract : Chlorpromazine (largactil, mogaphen, aminozine) is used as
antiemetic at narcosis application, in psychiatry, pediatry
and for the prophylaxis of rheumatic and hemorrhagic shocks.
It is used in the form of tablets of 25 mg each, or as a
0.5% - ual solution for intramuscular injections and a 2.5%
- ual solution for intravenous injections. The chlorpromazi-
ne determination by the gravimetric method consists in
its reaction with silicotungstic acid in HCl (acid) medium.
The accuracy of the method is 5%.

Card 1/1

7

BLAZER, J.

✓ Gravimetric determination of chlorpromazine. J. Blazek
and Z. Stejskal (State Inst. Med. Control, Prague).
Czechoslov. Farm. No. 5, 1955; Pharmazie 11, 27-8 (1956).
Silicotungstic acid in acid medium is used as the precipitant.
M. Hocking

2

~~Volumetric estimation of benzaldehyde~~

$\phi(x) = \frac{1}{2} \ln \frac{1+x}{1-x}$

BLANK, 2

5

2

Voluimetric determination of 6-mercaptopurine. J. Rha-
fek and Z. Stejskal (Stát. ústav kontroln. řevy, Prague).
Českoslov. farm. 5, 29-30 (1956). The detn. of 6-mercaptopu-
rine (1) is based on the formation of the slightly soluble salt
with AgNO_3 in NH_4OH soln. and the retitration of excess Ag
with NH_4CNS soln. Finely mix powd. tablets contg. about
250 mg. 1 with 50 ml. water, 15 ml. 10% NH_4 soln., and 50
ml. 0.1N AgNO_3 . Add water to 250 ml. After thorough
shaking filter the soln. To 50 ml. of the eluate add HNO_3
and 2 ml. $\text{NH}_4\text{Fe}(\text{SO}_4)_3$ and titrate with 0.1N NH_4CNS .

K. Alasck

PM

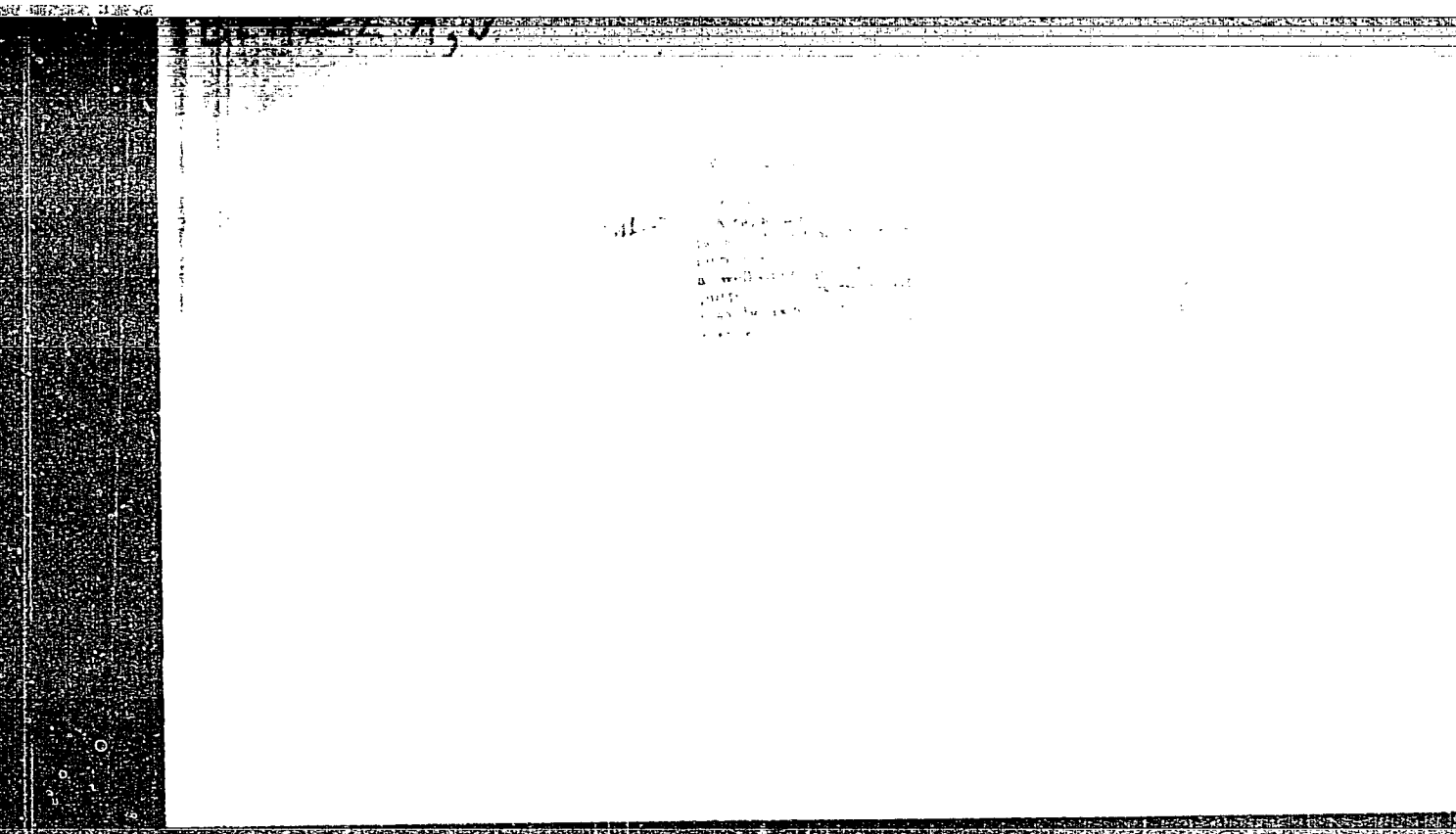
BLAZER, J

Polarographic determination of 4-hydroxy-3-acetamido-
benzoate etc of methyl 1-methyltetrahydro-3-pyridine-
carboxylate (Nemural) in tablets. Mark. Stat. data.

✓ 2717 Polycrographic determination of phenol-~~ated~~
parabens in certain pharmaceuticals produced in
Khabarovsk. 1. Blash and Z. Steiskal (State
University of Drugs, Khabarovsk, U.S.S.R.)
J. Pharm. Med. 1978, 18, 1-4.

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CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application, Part 3. - H
Drugs, Vitamins, Antibiotics.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61968.

Author : Josef Blazek, Ludek Safarik.

Inst : Not given.

Title : Potentiometric Titration of Medicinal Substances Containing Blocked Aromatic Amino Group.
I. Titration of Acetanilide Mixed with Other Medicinal Substances.

Orig Pub: Ceskosl. farmao., 1957, 6, No 9, 524 - 526.

Abstract: A method of electrochemical determination of acetanilide (I) in pure state and mixed with other substances was developed. A comparison of determination results of I by the above mentioned method with those obtained by the bromometric

Card 1/3

60

GDR/Chemical Technology - Chemical Products and Their
Application. Synthetic and Natural Medicinal Sub-
stances. Galeicals and Medicinal Forms.

H.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36042.

Author : Kraemar, J., Blazek, J., Steijskal, Zl.

Inst : -

Title : Amperimetric Determination of Certain Pharmaceutically
Important Antihistaminic and Spasmolytic Preparations.

Orig Pub : Pharmazie, 1957, 12, No 12, 802-809.

Abstract : There is described a method of the quantitative determi-
nation of benadryl, ambodryl, pyribenzamine, antihistami-
ne, atarax, longiphen, postaphene, antrenyl, artane (par-
copane), spalisal, bantnine, probanthine, based on the
polarographic titration of the hydrochloride solutions
of the indicated preparations by a solution of silicotung-
stic acid (I). To a weighted portion of the preparation
or its medicinal forms (injection solution, tablet,

Card 1/2

H-482

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their H-17
Application. Pharmaceuticals. Vitamins. Antibio-
tics.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16529

Author : Blazek, J.; Stejskal, Z.

Inst : Not given

Title : Potentiometric Titration of Medicinal Preparations
Containing Blocked Aromatic Amino-Groups. Part 2.
Determination of Certain Pharmaceutically Valuable
Sulfones

Orig Pub : Ceskosl. farmac., 1958, 7, No 1, 23-25

Abstract : A quantitative method has been developed for the
determination of diphenylsulfone derivatives (I):
diamino I (II), 4-carboxymethylamino-4-amino-1 (III), and
diacetylamino-4,4'-1 (IV). The method is based on the
acidic hydrolysis followed by the diazotization with

Card 1/3

H-61

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their H-17
Application. Pharmaceuticals. Vitamins. Antibio-
tics.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16529

potentiometric control. The system employs the use of two electrodes (platinum and graphite), which are directly connected to a galvanometer. Approximately 500 mg of a substance is boiled in 100 ml of 12.5% HCl (acid) for 30 minutes. After cooling, the contents are transferred (quantitatively) into a 250 ml graduate followed by the addition of concentrated HCl to a volume of 250 ml. The separated layer is then removed with a pipette, fuming HCl (acid) is added and the mixture is subjected to the potentiometric titration with 0.1 M solution of NaNO_2 . The end point is determined by means of measuring the time of declination of the galvanometer needle. 1 ml of 0.1 M NaNO_2 solution corresponds to 12.41 mg of II, 16.62 mg of IV, 16.408 mg of Na-salt of III, and 15.31 mg of III.

Card 2/3

CZECHOSLOVAKIA/Chemical Technology. Pharmaceuticals. Vitamins. H
Antibiotics.

Abs Jour: Ref Zhur-Khin., No 24, 1958, 82716.

Author : Plazek J.

Inst :

Title : The Bromometrical Determination of 1-(4-Oxyphenyl)-1-Oxy-2-n-Butylaminoethanesulfate.

Orig Pub: Ceskosl. farmc., 1958, 7, No 1, 25-26.

Abstract: A method was developed for the determination of 1-(4-oxyphenyl)-1-oxy-2-n-butyl-aminoethanesulfate (I) in injection solutions, and was based on the bromination reaction, where one mole of I reacts with 8 atoms of bromine. The determination is carried out in hydrochloric acid medium, 25-50 milligrams of I is dissolved in water, HCl (acid) and KBr is added,

Card : 1/2

COUNTRY : CZECHOSLOVAKIA
 CATEGORY : Chemical Technology. Chemical Products and
 Their Applications. Pharmaceuticals. Vitamins*
 ABS. JOUR. : RZKhim., No. 23 1959, No. 83267
 AUTHOR : Blazek, J.
 INST. : -
 TITLE : Quantitative Determination of Diethyl-n-Nitro-
 phenylphosphate (Soluble "Mintacol")
 ORIG. PUB. : Ceskosl. farmac., 1958, 7, No 8, 455-456
 ABSTRACT : A rapid determination method of the above sub-
 stance was developed based on the reduction
 of the nitro-group into amino-group in acid
 medium by refluxing with Zn dust. (heating
 with the use of reflux condenser). The formed
 primary aromatic amino-group is titrated po-
 tentiometrically with 0.01 M. NaNO₂ solution
 with the use of two electrodes (platinum and
 graphite), which are directly connected to
 a galvanometer. 1 ml of 0.01 M. NaNO₂ solution
 *Antibiotics.
 CARD: 1/2

H - 64

COUNTRY : Czechoslovakia R-17
 CATEGORY :
 ABS. JOUR. : RZKhim., No. 20 1959, No. 72290
 AUTHOR : Blazek, J.
 INST. :
 TITLE : Potentiometric Titration of Medicinals Con-
 taining a Blocked Aromatic Amino Group. III.
 Titration of 4-Hydroxy-3-Acetylamino-Phenyl-
 ORIG. PUB. : Ceskosl. farmac., 1958, 7, No 10, 589-590
 ABSTRACT : A method has been worked out for determination
 of Osarsol (I), which is based on hydrolysis of I in acid
 medium, by heating, and a subsequent titration of the
 primary aromatic amino group with a solution of NaNO_2 .
 250 g I boiled 30 minutes with HCl (acid), cooled and
 titrated with 0.1 M NaNO_2 , with potentiometric determination
 of titration end point (electrodes -- Pt and graphite).
 1 ml 0.2 M NaNO_2 corresponds to 27.513 mg I. Determinations
 were made with "Acetylarsan" solutions for injection and
 with "Purovagin" tablets. Accuracy of determination 0.1%.
 Communication II see RZhKhim, 1959, No 5, 16529.
 CARD:
 * Arsonic Acid (Osarsol) in Pure Form and in
 Medical Preparations.

48

BLAZEK, J.

Decentralization of the pharmaceutical service in Gottwaldov District. p. 312.

CESKOSLOVENSKE ZDRAVOTNICTVI. Praha, Czechoslovakia. Vol. 7, no. 5, July
(i.e. June) 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

BLAZEK, Jan, Phmr, Krajsky lekarnik

Decentralization of pharmacy services in the Gottwald region.
Cesk. zdravot. 7 no.6:312-315 July 59.

(PHARMACY)

BLAZEK, J.; KRACMAROVA, J.

Development of pharmacy in the Soviet Union. Cesk. farm. 10 no.9:
444-449 '61.

(PHARMACY)

BLAZEK, J.; KRACMAR, J.

Spectrophotometric determination of D,L-p-di-(β chloroethyl)-aminophenylalanine chloride (Sarcolysin) in the ultraviolet spectrum. Cesk. farm. 11 no.4:210-212 My '62.

1. Statni ustav pro kontrolu leziv, Praha.
(PHENYLALANINE chem) (ANTINEOPLASTIC AGENTS chem)
(SPECTROPHOTOMETRY)

CZECHOSLOVAKIA

J. BLAZEK and V. HARES (Affiliation not stated)

"Achievements of Soviet Pharmacy."

Prague, Ceskoslovenska Farmacie, Vol 11, No 9, Sept 1962; pp 433-437.

Abstract: A review of the development of pharmaceutical education, practice, industry and other aspects in various Soviet republics (e.g. Armenian, Abchaz Autonomous, Kazakh, Georgian, Baltic republics;) based wholly on articles published in the six 1961 and first 2 1962 issues of the Soviet pharmaceutical journal Aptekhnika SSSR, with 20 references therefrom.

1/1

BLAZEK, Josef, inz. CSc.

Transportation of liquid and mashy feeds by pipelines.
Zemdel tech 10 no. 3:165-176 Mr '64.

1. Research Institute of Agricultural Technology, Repry
near Prague. Director of the Institute:inz. M.
Preininger.

BLAZEK, Josef, doc. dr.

Production capacity of transportation and its role in the
transportation management. Doprava no.5:321-327 '64.

KOHOUT, J.; KORBOVA, L.; BLAZEK, K.

Effect of antihistaminic drugs on the appearance of experimental gastric ulcer. III. Effect of ~~mephenhydramine~~ (alphadril) and polydroxyethylenesorbitanmonoolate on the appearance of gastric ulcers in guinea pigs. Cas.lek.cesk 100 no.29/30:905-909 14 J1 '61.

1. IV. interni klinika Fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. MUDr. M. Fudik. Ustav pro vseobecnou a pokusnou patologii Fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. MUDr. J. Hepner. Ustredni biochemicke laboratore KUNZ, FN I, prednosta MUDr. J. Hrabane.

(PEPTIC ULCER exper)
(ANTI-HISTAMINISA pharmacol)

KRCILEK, A.; BAZIKA, V.; POKORNY, J.; SOUCKOVA, E.; TODOROVICOVA, H.
ELAZEK, K.; BRET, J.

Recurrent pulmonary embolism as a cause of chronic pulmonary
heart disease. Acta Univ. Carol. [med.] (Praha) 10: suppl.17:
31-42 '63

1. IV. interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: prof. dr. M. Fucik) Ustredni labora-
toře FN; Ustredni vojenska nemocnice.

BLAZEK, K. MUDr.; JIROUT, K., MUDr.

On the principles of biochemical screening of infectious
hepatitis. Cesk. zdrav. 12 no.12:609-612 D ' 64

1. II. interni klinika fakulty vseobecneho lekarstvi
Karlovy University, Praha , a Ustredni laborator Obvodniho
ustavu narodniho zdravi, Benesov.

BLAZEK, K.; KREMENOVA, J.

Eye findings in endemic degeneration. Cas. lek. cesk. 104
no. 5:130-135 5 F'65.

1. I. oční klinika fakulty všeobecného lékařství v Praze
(prednosta : prof. dr. E. Dienstbier, DrSc.) a Vyzkumný
ústav endokrinologický v Praze (reditel: doc. dr. K. Silink).

NOVAK, J., MUDr.; BLAZEK, K., MUDr.; SEJKOROVA, J.

Early changes in the blood serum, hemogram and blood glucose level in donors after donation with special reference to general adaptation syndrome. Vnitřní lek. 11 no.8:790-796 Ag '65.

1. Ústav hematologie a krevní transfuze v Praze (ředitel prof. MUDr. J. Horejší, Dr.Sc., člen korespondent Československé akademie věd).

BLAZEK, K.

Optochiasmatic arachnoiditis with the picture of ischemic edema of the optic papilla on the fundus oculi. Sborn. lek. 66 no.8: 251-262 Ag'64

1. I. oční klinika fakulty všeobecného lékařství University Karlovy v Praze; přednostat: prof. dr. E.Dienstbier, DrSc.

KORBOVA, Libuse; KOHOUT, Jiri; BLAZEK, Karel; Technicka spoluprace
PROCHAZKOVA, M.

Changes in the kinetics of heat inactivation of pepsins. Cas. lek.
cesk. 101 no.24/25:753-757 22 Je '62.

1. Ustav pro vseobecnu a pokusnou patologii fakulty vseobecneho
lekarstvi KU v Praze, prednosta prof. dr. J. Hepner. IV interni klinika
fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. M. Fucik.
Centralni biochemicke laboratore KUNZ v Praze, prednosta MUDr. J.
J. Hrabane.

(NEUROSES experimental) (PEPSINS chemistry) (HEAT)

KOHOUT, J.; KORBOVA, L.; KORAL, V.; BLAZEK, K.

Central nervous influences on the denaturation of pepsin. Activ.
nerv. sup. 4 no.3/4:466-470 '62.

1. Fourth Clinic of Internal Medicine Inst. of Experimental Pathol.
(SUBSTITUTION) (PEPSIN) (PEPSIN JUICE)
(CENTRAL NERVOUS SYSTEM)

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Leather. Fur. Gelatine. Tanning
Materials. Industrial Proteins.

H-35

Abs Jour: Ref Zhur-Khim., No 2, 1959, 6955.

Author : Rlazek, Ladislav.

Inst :

Title : Development of Coating Dyes from Casein.

Orig Pub: Kozarstvi, 1957, No 8, 215-217.

Abstract: The effect of the 5 plasticizers: plasticizer N, alizarin oil, glycerin, triglycol and diglycol in various concentrations on the properties of a casein film was cleared. Films obtained 0.1 - 0.2 mm thick were dried in air before and after their fixation with Cl_2O . The tensile strength, elongation and solubility in water of dried films were tested. None of the studied plasti-

Card : 1/3

Card : 2/3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Leather. Fur. Gelatine. Tanning
Materials. Industrial Proteins.

H-35

Abs Jour: Ref Zhur-Khin., No 2, 1959, 6955.

CH₂O the decrease in the elongation of films from
modified casein is considerably less (elongation
45-48%) than in the case of casein films (elongation
18-24%). The new binders contribute to the further
improvement of finishing of leather. - M. Lyuksenburg.

Card : 3/3

BLAZEK, Ladislav; HVEZDA, Otto

Modified casein and possibilities of its use in tanneries. Kozarstvi 14 no. 3: 74-75 Mr '64.

1. Leather Research Institute, Gottwaldov, Leather Research Section, Otrokovice.

BLAZEK, Ladislav; HVEZDA, Otto

Determining the leather finish adhesion. Kozarstvi 14 no.8:221-223
Ag '64.

1. Research Institute of Leather Industry, Tannery Research,
Otrokovice.

L 59610-65 EWT(m)/EWP(t)/EWP(b) JD
ACCESSION NR: AP5020421 CZ/0034/64/000/008/0545/0551
AUTHOR: Vojta, Radim (Engineer); Blazek, Lubomir (Graduate mathematician) 19
TITLE: Determination of the optimum conditions for steel plant operation by the Monte Carlo simulation 6
SOURCE: Hutnicke listy, no. 8, 1964, 545-551
TOPIC TAGS: mathematic model, industrial furnace, steel, metallurgie industry
ABSTRACT: Optimum working conditions for OH furnaces were determined; particular attention was paid to the melting rate of the entire steel plant, and to the time lost because of the lack of charging cranes. The problem was solved by a mathematical model, which allowed the simulation of several steel plant operations as alternatives. The optimum operating conditions for the plant as is, and after modifications, were determined. Orig. art. has: 4 figures, 3 tables.
ASSOCIATION: Vojta - SONE, Kladno; Blazek - VUHZ, Prague
SUBMITTED: OO ENCL: OO SUB CODE: IE, MA
NR REF SOV: 001 OTHER: 005 JPRS
Card 1/1 JP

BLAZHEK, L. [Blazek, L.] (Chekhoslovakiya); DVORZAK, E. [Dvorak, E.]
(Chekhoslovakiya); MYSHIK, S. [Mysik, S.] (Chekhoslovakiya)

Agglomeration of butadiene-styrene latex particles by freezing.
Part.1: Effect of the nature of emulsifier, pH of latex and
temperature of freezing on the agglomeration of butadiene-
styrene latexes. Koll.shur. 26 no.6:657-661 N-D '64
(NIRA 18:1)

5162* Hot Forming With Electric-Resistance-Heated Dies.
Tvárnost z teplo elektrického odporu ohřevem přímo v
reprezent. (Czech.) A. Šolajfer and M. Blážík Strojrensko
číslo 3, no 11, Sept 1968 p 384-387

①

Heat treating the blank right in the die, and the direct
mechanical properties of parts formed, and the use of
machines, and better release from the die.

2/1

83875

V/005/60/010/002/002/002
B020/B060

24,4500

AUTHOR: Blažek, Mikuláš (Bratislava)

TITLE: The Classical Multidimensional Oscillator

PERIODICAL: Matematicko-fyzikálny časopis, 1960, Vol. 10, No. 2,
pp. 111-122

TEXT: Previous publications have dealt with the multidimensional, harmonic, isotropic quantum oscillator, and have shown that, besides the well-known conservation theorems, also other laws resulting from the commutative properties of the Hamiltonian with certain quantities apply to this type of oscillator. The present article shows that similar n^2 conservation theorems hold also in the case of the classical multidimensional oscillator, with the conservation quantities being obtained from the first theorem by E. Noether. The first part of the article deals with the formulation of Noether's theorem for a classical system with n degrees of freedom. The second part derives the relations applied to the classical multidimensional oscillator, and, finally, the

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The Classical Multidimensional Oscillator

V/005/60/010/002/002/002
B020/B060

third part refers to the connection between the conservation theorems following from Noether's theorem, on the one hand, and the equations of motion, on the other. It may be said as a final result that the validity of Noether's theorem (24) also comprises the validity of the equations of motion (9). The conservation theorems following from the equations of motion are thus necessarily contained in Noether's theorem (24) (satisfying of the equations of motion is a necessary but not sufficient condition for the validity of Noether's theorem). Some further conservation theorems can thus result from Noether's theorem, which cannot be obtained by integrating the equations of motion. The authors thank M. Petráš and Ľ. Hrivnák, Candidates of Sciences, for having raised the problem and for discussions. There are 5 references: 2 Soviet, 2 US, 1 German, and 1 Italian.

ASSOCIATION: Katedra fyziky Prírodovedeckej fakulty Univerzity
Komenského v Bratislave (Chair of Physics of the
Department of Natural Sciences of the Komenský University,
Bratislava)

Card 2/3

83875

The Classical Multidimensional Oscillator

V/005/60/010/002/002/002
B020/B060

SUBMITTED: July 14, 1959

Card 3/3

XX

L 16621-66 EWT(1)	SOURCE CODE: CZ/0045/65/000/OCL/0317/0330
ACC NR: AP6026058	
AUTHOR: <u>Blazek, Mikulas—Blazhek, M. (Bratislava)</u>	5 E
ORG: <u>CSAV, Physics Institute, SAV, Bratislava (CSAV, Fyzikalny ustav, SAV)</u>	
TITLE: One-pole approximation for higher waves and the correct threshold behavior of phase shifts	
SOURCE: Matematicko-fyzikalny casopis, no. 4, 1965, 317-330	
TOPIC TAGS: approximation, elastic scattering, phase shift analysis	
ABSTRACT: The article deals with <u>nonrelativistic elastic scattering</u> . The connection between the number of poles and the correct threshold behavior of the phase shift for a given angular momentum is discussed. Lastly the Jost function approximated by more poles for higher waves is treated. The derivation of potentials and phase shifts is performed by solving the Gelfand-Levitan equation. Orig. art. has: 29 formulas. [Orig. art. in Eng.] [JPRS: 34,780]	
SUB CODE: 12, 20 / SUBM DATE: 24Nov64 / ORIG REF: 003 / OTH REF: 008	
Card 1/1 afs	

J. 44764-65 EWP(h)/EWP(h)/EWA(a)/EWP(1)/EWP(v) Ps-4

ACCESSION NR: AP5015040

CZ/0057/64/000/010/0486/0488

AUTHOR: Blazek, Miloslav

TITLE: Accurate design of the guard equipment in a section-rolling train

SOURCE: Hutnik, no. 10, 1964, 486-488

TOPIC TAGS: rolling mill

ABSTRACT: Described is the guard equipment used for medium-section mills and light-section mills in the VZKG. Data are presented on their design and calculation of their parameters. Formulas are given for improving the quality of profiles and higher mechanization. Orig. art. has 9 figures.

ASSOCIATION: VZKG, Ostrava

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 000

OTHER: 000

JFRS

333
Cord 1/1

BLAZEK, Mikulas

SURNAME, Given Names

Country:

Czechoslovakia

Academic Degrees:

[not given]

Affiliation:

Department of Physics (Katedra fyziky), Faculty of Natural History
of Komensky University (Prirodovedecka fakulta Univerzity
Komenskeho), Bratislava

Sources:

Bratislava, Matematicko-Fyzikalny Casopis, Vol 11, No 3, 1961,
pp 208-213

Data:

"On the Hydrodynamic Model of the Neutrino."

GPO 981643

BLAZEK, Mořmir, MUDr

Causes of legal disputes in occupational dermatoses. Cesk. dermatol. 34 no.4:254-257 Aug 54.

1. **Klinika prof. Dr. Fryba, Brno**
 - (WORKMEN'S COMPENSATION AND INSURANCE**
in Czech. medicolegal problems in occup. dermatoses)
 - (JURISPRUDENCE, MEDICAL**
medicolegal aspect of occup. dermatoses)
 - (OCCUPATIONAL DISEASES**
dermatoses, medicolegal aspect)
 - (SKIN, diseases**
dermatosis, occup., medicolegal aspect)

BLAZEK, Miroslav; BURIAN, Vaclav

Activities of the OHES in the field of industrial hygiene at the present time. Prac. lek. 14 no.6:296-298 Ag '62.

1. OHES OUNZ v Novem Jicine OHES OUNZ v Olomouci.
(INDUSTRIAL MEDICINE)

BLAZHEK, MIROSLAV ^{BLAZEK} [Blazek, Miroslav] (Czechoslovakia); PIVOVAROV, Yu.L.
[translator]

Status and problems of geography in the Czechoslovak Socialist
Republic. Izv. AN SSSR. Ser.geog. no.1:116-118 Ja-F '63.
(MIRA 16:2)

(Czechoslovakia—Geography)

BLAZEK, Miroslav

Evaluation of the economic standard of regions in Czechoslovakia.
Geogr cas SAV 15 no.1:30-37 '63.

1. Vysoka skola ekonomicka, Praha.

BLAZEK, M.

Adjustment of settlements in the district of Touzim. p. 264

Vol. 60, no. 4, 1955
SBORNIK
Praha, Czechoslovakia

So: Eastern European Accession Vol 5 No. 4, April 1956

BLAZEK, M.

"Notes on the critique, Hospodarska mapa Ceskoslovenska (Economic Map of Czechoslovakia)."

P. 180 (Ceskoslovenska Ethnografie, Vol. 63, no. 2, 1958,
Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958

BLAZEK, M.

30V/10-59-5-18/25

AUTHOR: Alampiyev, P.M.

TITLE: An International Conference on Problems of Division Into Economic Regions

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 5, pp 117-120 (USSR)

ABSTRACT: The above mentioned conference took place on 29 May - 1 June 1959 in Kazimierz Dolny (Poland). In the second part the following Polish geographers reported on different economic problems of division into economic regions: S. Kafkowaka - on workers' commuting in the Krakow wojewodstwo; M. Dobrowolska - on the influence of industrialization on the formation of regions and on the types of inhabited centers; L. Straszewicz - on the analysis of the bases of principles of development of economic regions as shown by the example of study of the Lodz industrial district; A. Wróbel - on the joint regions of passenger transportation in Poland; and L. Kosiński - on the study of the sphere of influence of Polish small towns. Other reports were read by: Professor J. Koryak (Czechoslovakia) - on "Immigration Basis of Czech Towns"; Kh. Marinkov (Bulgaria) on "Methods of Study of Economic Connections and Inter-regional Exchange"; M. Blazek (Czechoslovakia) - on "Problems of Development of Weakly Developed Rayons of the Plesk Region"; G. Szondi (Hungary) on a "Method of Delimitation of Agricultural Regions"; and G. Schmidt-Banner (S. Germany) on the "Problems of Regional Economics". Reports were also read by G. Tulupp (Belgium) and K. Schneider (W. Germany). Finally the last report on "The Economic Region in Economic Geography and in Perspective Planning" was read by Professor K. Dzianiszewski in which he tried to establish basic elements of planning and to generalize some of the problems of division.

Card 3/3

BLAZEK, M.

Hungarian geographical literature. Sbor zem 69 no.4:348-350 '64.

BLAZHEK, M. [Blazek, M.]

Inverse problem of potential scattering. Doklady BAN 17 no.11:
1005-1008 '64.

1. Institute of Physics of the Slovak Academy of Sciences,
Bratislava. Submitted July 20, 1964.

S/081/62/000/013/054/054
B160/B101

AUTHORS: Blažek, Oldřich, Morava, Jan

TITLE: Method of removing low-molecular fractions from molten polycapron amide (polycaprolactam)

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 13, 1962, 656, abstract 13P396 (Czechoslovak patent 94671, March 15, 1960)

TEXT: The method consists of passing a stream of inert gas at atmospheric pressure around a film of the molten polyamide as it flows over a surface at 220-300°C. Since the rate of diffusion of the low-molecular fractions into the inert gas is considerably lower under these conditions than the depolymerization rate of the polyamide their content in the melt is sharply reduced. The purified melt can immediately be used in the production of fibers. The risk of the polyamide being oxidized is reduced, the equipment for the purification process is simpler and its cost is lower. Example: The molten polyamide is metered at 6.5 g/min onto a cylindrical surface 450 mm high and of 50 mm diameter, heated to 260°C, and flows over this as a film. Nitrogen containing no oxygen is introduced into the

Card 1/2

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SILINKOVA-MALKOVA, E., Dr.; BLAZEK, O., Dr.

Common mesentery as a cause of intermittent acute abdomen in adult women. Sborn. pathofysiol. trav. vyz. 8 no.4:222-224 Dec 54.

1. Z III int. kliniky, prednosta prof. Dr J.Charvat, precovni skupina prof. Dr. S.Vesina.

(MESENTERIES, abnormalities,

common mesenteries causing acute abdomen in women)

(ABDOMEN, ACUTE, differential diagnosis,

common mesenteries in adult women)

(ABNORMALITIES,

common mesenteries causing acute abdomen in adult women)

SILINKOVA-MALKOVA, Eva, Dr.; BLAZEK, Oskar, Dr

Stratigraphy of the sella turcica. Cesk.rentg. 9 no.3:105-111
Aug 55.

1. Z III. interni kliniky KU v Praze, prednosta akademik J.Charvat.
Z pracovni skupiny Prof. Dr S.Vesina
(SELLA TURCICA, radiography,
stratigraphy)

EXCERPTA MEDICA Sec.3 Vol.12/5 Endocrinology May 1958

889. **BLAZEK O.** STRATIGRAPHICAL DIAGNOSIS OF HYPOPHYSEAL ADENOMAS - Strati-
graphische Diagnostik der Hypophysenadenome - Silinková - Málková
E. and **Blazek O.** III. Med. Klin., Karls-Univ. Prag - ENDOKRINOLO-
GIE 1957, 34/1-2 (2-11)

A technique of extensive stratigraphical examination of the sella turcica, which is cheap, simple and convenient to the patient, is described. This technique ensures a correct spatial image in normal and also in pathological conditions and has proved efficacious especially for the diagnosis or the removal of hypophyseal tumours. The objective picture of all the sellar changes permits an early diagnosis. Comparative stratigraphy in the further pathological course facilitates judgment of the dynamics of the process. The clinical characteristics and the typical X-ray findings obtained by stratigraphy in 56 cases of hypophyseal adenoma are presented.
(III, 5, 16)